IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A circuit ~~(1) having~~ comprising:

a first converter ~~(2)~~ for converting an a.c. voltage into a first d.c. voltage and providing said first d.c. voltage as a first output of said circuit, ~~which~~ wherein said first converter has a diode half-bridge ~~(8)~~ having two diodes ~~(21, 26)~~ and a first center terminal ~~(9)~~, a switch half-bridge ~~(10)~~ having two switches ~~(24, 29)~~ and a second center terminal ~~(11)~~, a high-frequency inductor ~~(18)~~ and two connections ~~(12, 15)~~ in series with the high-frequency inductor ~~(18)~~, for connection to a source ~~(7)~~ of ~~mains~~ a main voltage between the two center terminals ~~(9, 11)~~, a first d.c. rail ~~(20)~~ being connected to the first center terminal ~~(9)~~ by means of a first diode ~~(21)~~ in the diode half-bridge ~~(8)~~ and an electrically conductive connection ~~(22)~~ and to the second center terminal ~~(11)~~

by means of a first switch ~~(24)~~ in the switch half-bridge ~~(10)~~ and an electrically conductive connection ~~(27)~~, and a second d.c. rail ~~(25)~~ being connected to the first center terminal ~~(9)~~ by means of a second diode ~~(26)~~ in the diode half-bridge ~~(8)~~ and an electrically conductive connection ~~(28)~~ and to the second center terminal ~~(11)~~ by means of a second switch ~~(29)~~ in the switch half-bridge ~~(10)~~ and an electrically conductive connection ~~(27), characterized in that the converter (2) has~~; and

a second converter ~~(3)~~ for converting the a.c. voltage into a second d.c. voltage and providing said second d.c. voltage as a second output of said circuit to a controller of said first converter for controlling said first converter.

2. (Currently Amended) ~~A~~ The circuit as claimed in claim 1, ~~characterized in that~~ wherein the ~~mains~~ main voltage source ~~(7)~~, an input ~~(52, 53)~~ of the second converter ~~(3)~~, and the high-frequency inductor ~~(18)~~ form a series circuit.

3. (Currently Amended) ~~A~~ The circuit as claimed in claim 1, ~~characterized in that the~~ wherein transmission of energy in the

second converter ~~(3) is~~ frequency-dependent.

4. (Currently Amended) ~~A~~ The circuit as claimed in claim 1, ~~characterized in that~~ wherein the second converter ~~(3)~~ is arranged between the high-frequency inductor ~~(18)~~ and the ~~mains~~ main voltage source ~~(7)~~.

5. (Currently Amended) ~~A~~ The circuit as claimed in claim 1, ~~characterized in that~~ wherein at least one of the first converter and the second converter ~~(2, 3)~~ has a transformer ~~(17)~~.

6. (Currently Amended) ~~A~~ The circuit as claimed in claim 1, ~~characterized in that~~ wherein at least one of the first converter and the second converter ~~(2, 3)~~ has a resonant capacitor ~~(19)~~.

7. (Currently Amended) ~~A~~ The circuit as claimed in claim 1, ~~characterized in that~~ wherein at least one of the first converter and the second converter ~~(2, 3)~~ has an input capacitor ~~(14)~~.

8. (Currently Amended) ~~A~~ The circuit as claimed in claim 1,

~~characterized in that~~ wherein at least one of the first converter and the second converter ~~(2, 3)~~ has a control means ~~(5)~~.

9. (Currently Amended) ~~A~~ The circuit as claimed in claim 8, ~~characterized in that the~~ wherein a voltage at ~~the~~ an input capacitor ~~(14)~~ of at least one of the first converter and the second converter is limited by the control means through a limitation of the duty factor of the switches ~~(24) and (29)~~.

10. (Currently Amended) A power supply system having a circuit ~~(1)~~ as claimed in claim 1.

11. (Original) A video projection system having a power supply system as claimed in claim 10.

12. (Original) An office electronics or consumer electronics device having a power supply system as claimed in claim 10.

13. (New) A circuit comprising:

an input terminal configured to receive an input voltage;

a first converter configured to convert the input voltage to a first output voltage;

a second converter configured to convert the input voltage to a second output voltage;

a first output terminal for providing the first output voltage; and

a second output terminal for providing the second output voltage, wherein the first output voltage is for operating a first device and the second output voltage is for operating a second device.

14. (New) The circuit of claim 13, wherein the first device includes a lamp and the second device includes a control device.

15. (New) The circuit of claim 14, wherein the control device is configured to control the lamp.